IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Matsui et al. Appl. No.: 10/540,237

Appl. No.: 10/540,237 Conf. No.: 1612

Filed: July 19, 2005

Title: FUNCTIONAL MOLECULAR ELEMENT AND FUNCTIONAL

MOLECULAR DEVICE

Art Unit: 2824

Examiner: Michael P. Lulis Docket No.: 112857-457

Mail Stop AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO FINAL OFFICE ACTION

Sir:

In response to the Final Office Action dated October 9, 2007, the following arguments are asserted:

The Present Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.